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| 1. Record Nr. | UNINA9910457813403321 |
| Autore | Doyle Jon <1954-> |
| Titolo | Extending mechanics to minds : the mechanical foundations of psychology and economics / / Jon Doyle [[electronic resource]] |
| Pubbl/distr/stampa | Cambridge : , : Cambridge University Press, , 2006 |
| ISBN | 1-107-16842-2 1-280-48047-5 9786610480470 0-511-22054-5 0-511-22138-X 0-511-21945-8 0-511-31634-8 0-511-54695-5 0-511-22013-8 |
| Descrizione fisica | 1 online resource (xxi, 453 pages) : digital, PDF file(s) |
| Disciplina | 006.3 |
| Soggetti | Mechanics, Applied - Mathematics Artificial intelligence |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Title from publisher's bibliographic system (viewed on 05 Oct 2015). |
| Nota di bibliografia | Includes bibliographical references (p. 429-442) and index. |
| Nota di contenuto | Reconciling natural and mental philosophy -- Reconstructing rational mechanics -- Mechanical minds -- The metaphysics of mechanics -- Conclusion of the matter. |
| Sommario/riassunto | This book deploys the mathematical axioms of modern rational mechanics to understand minds as mechanical systems that exhibit actual, not metaphorical, forces, inertia, and motion. Using precise mental models developed in artificial intelligence the author analyzes motivation, attention, reasoning, learning, and communication in mechanical terms. These analyses provide psychology and economics with new characterizations of bounded rationality; provide mechanics with new types of materials exhibiting the constitutive kinematic and dynamic properties characteristic of different kinds of minds; and provide philosophy with a rigorous theory of hybrid systems combining |

discrete and continuous mechanical quantities. The resulting mechanical reintegration of the physical sciences that characterize human bodies and the mental sciences that characterize human minds opens traditional philosophical and modern computational questions to new paths of technical analysis.

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| 2. Record Nr. | UNISALENTO991000792679707536 |
| Autore | Spring, David |
| Titolo | Convex integration theory : solutions to the h-principle in geometry and topology / David Spring |
| Pubbl/distr/stampa | Basel ; Boston ; Berlin : Birkhauser, c1998 |
| ISBN | 376435805X |
| Descrizione fisica | viii, 212 p. : ill. ; 24 cm. |
| Collana | Monographs in mathematics ; 92 |
| Classificazione | AMS 57R99 |
| Disciplina | 514.72 |
| Soggetti | Differential topology |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Note generali | Includes bibliographical references and indexes |

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| 3. Record Nr. | UNINA9910566473803321 |
| Autore | Micklin Philip |
| Titolo | Advances in the Ecohydrology of Arid Lands |
| Pubbl/distr/stampa | Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022 |
| Descrizione fisica | 1 online resource (112 p.) |
| Soggetti | Research & information: general |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Sommario/riassunto | <p>This is a Special Issue (SI) of Hydrology. The title of the SI is "Advances in the Ecohydrology of Arid Lands". Ecohydrology is an emerging, cross disciplinary subfield of hydrology devoted to the mutual interactions between water and ecosystems. Today, the important question of what these interactions mean for human society and how human society impacts these interactions is also part of this subject. The specific climatic/geographic focus here is on arid lands broadly defined as water-deficient regions where potential evapotranspiration (PET) exceeds precipitation (P). The intent of the SI is to present scientifically accurate information on the current state of leading ecohydrology oriented research on arid lands, representing the best contemporary thinking in the field. The five research articles presented by no means cover the field but provide an introduction to the variety of current research. The intended audience is not only those involved in this field but also those engaged in the more traditional aspects of hydrology, biology, ecology, geography, engineering, water management, agriculture urban planning, and other relevant fields.</p> |